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US National Phase of International Appl. Number	PCT/AU03/00300
PCT Filing Date	13 March 2003
US Application Number	10/507,257
First Named Inventor	Jonathan Wesley Arthur
Confirmation Number	—
Group Art Unit	—
Examiner Name	—
Attorney Docket Number	3170.1006-000

Title ANNOTATION OF GENOME SEQUENCES

I/We hereby appoint

- ☒ the attorneys/agents associated with Customer No. 021005
☐ Practitioner(s) named below:

as my/our attorneys/agents to prosecute the application identified above, including any continuation or divisional applications thereof, and to transact all business in the United States Patent and Trademark Office connected therewith.

The correspondence address for the above-identified application is:

- ☒ Customer Number 021005
 Hamilton, Brook, Smith & Reynolds, P.C.
 530 Virginia Road
 P.O. Box 9133
 Concord, Massachusetts 01742-9133
☐ Other _____

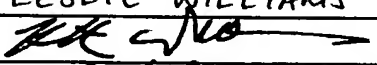
Please direct all telephone calls and facsimiles to:

Name Alice O. Carroll, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136

I am the:

- ☐ Applicant/Inventor.
☒ Authorized representative of the Assignee, Proteome Systems Intellectual Property Pty Ltd, of the entire interest. See 37 C.F.R. § 3.71. A Statement under 37 C.F.R. §3.73(b) is enclosed.
☐ Authorized representative of the Assignee, [], together with [], of the entire interest. A Statement under 37 C.F.R. § 3.73(b) is enclosed.

SIGNATURE of Applicant or Assignee of Record

Name & Title	KEITH LESLIE WILLIAMS, CHIEF EXECUTIVE OFFICER
Signature	
Date	6/4/05

Docket No. 3170.1006-000

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Inventor(s): Jonathan Wesley Arthur, Marc Wilkins and Mathew Danger Traini

US National Phase of International Application No. PCT/AU03/00300

Filed: March 13, 2003

US Patent Application No. 10/507,257

For: ANNOTATION OF GENOME SEQUENCES

Proteome Systems Intellectual Property Pty Ltd

(Name of Assignee)

, a Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☐ an assignee together with ☐ of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: 6/4/05

Name: KEITH LESLIE WILLIAMS

Title: CHIEF EXECUTIVE OFFICER

Signature: [Signature]

COPYJointASSIGNMENT

WHEREAS, we, **Jonathan Wesley Arthur, Marc Wilkins and Mathew Danger Traini**, have invented a certain improvement in **Annotation of Genome Sequences** described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☐ the specification of which is United States Application No. [], filed [];
- ☒ the specification of which is a Patent Cooperation Treaty Application, International Application No. **PCT/AU03/00300**, filed **March 13, 2003**, which designates the United States of America and assigned United States Application No. **10/507,257**;
- ☐ which was patented under United States Patent No. [].

WHEREAS, **Proteome Systems Intellectual Property Pty Ltd** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of **Australia**, and having a usual place of business at **35-41 Waterloo Road, North Ryde, NSW 2113, Australia** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its

successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor


Jonathan Wesley Arthur

Date

21/01/05

Address 123 Balaka Drive

Carlingford, New South Wales, 2118, Australia

Witness

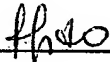
GEORSE FAVOTU

Address

53 INGHAM AVE

FIVE DOCK USV 2067

Witness



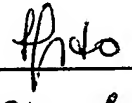
Address


165/11-15 Fontenay Rd

North Ryde 2113 NSW

Inventor  Date 5/4/05
Marc Wilkins

Address 118 Annandale Street
Annandale, New South Wales, 2038, Australia

Witness (PAULA TITO) 
Address 165/1-15 Fowrey Rd North Ryde NSW 2113

Witness  (SUSANNA THOMPSON)
Address 1/20 Innes Rd Greenwich

Inventor _____ Date _____
Mathew Danger Traini

Address 47/65 Myrtle Street
Chippendale, New South Wales, 2008, Australia

Witness _____
Address _____

Witness _____
Address _____

JointASSIGNMENT

WHEREAS, we, **Jonathan Wesley Arthur, Marc Wilkins and Mathew Danger Traini**, have invented a certain improvement in **Annotation of Genome Sequences** described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☐ the specification of which is United States Application No. [], filed [];
- ☒ the specification of which is a Patent Cooperation Treaty Application, International Application No. **PCT/AU03/00300**, filed **March 13, 2003**, which designates the United States of America and assigned United States Application No. **10/507,257**;
- ☐ which was patented under United States Patent No. [].

WHEREAS, **Proteome Systems Intellectual Property Pty Ltd** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of **Australia**, and having a usual place of business at **35-41 Waterloo Road, North Ryde, NSW 2113, Australia** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its

Docket No. 3170.1006-000

successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor _____ Date _____
Jonathan Wesley Arthur

Address 123 Balaka Drive
Carlingford, New South Wales, 2118, Australia

Witness _____

Address _____

Witness _____

Address _____

Docket No. 3170.1006-000

Inventor Marc Wilkins Date

Marc Wilkins

Address 118 Annandale Street
Annandale, New South Wales, 2038, Australia

Annandale, New South Wales, 2038, Australia

Witness _____

Address _____

Witness _____

Address _____

Inventor Mathew Danger Traini Date 22/02/03

Mathew Danger Traini

Address 47/65 Myrtle Street W229/221 Sydney Park Rd

W229/221 Sydney Park Rd

Chippendale, New South Wales, 2008, Australia Erskineville, NSW, 2043
M.T. 22/02/05

M.T. 22/02/05

Witness Paula Tito (PAULA TITO)

Address 165/1-15 Fonderoy Rd North Ryde NSW 2113

Witness _____

Address _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application☐ Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ANNOTATION OF GENOME SEQUENCES

the specification of which

☐ is attached hereto.☐ was filed on [] as United States Application Number [].☒ was filed on March 13, 2003 as PCT International Application No. PCT/AU03/00300 and assigned United States Application No. 10/507,257.☒ and was amended on September 10, 2004.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

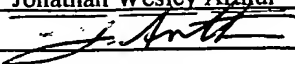
I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

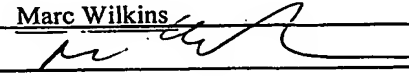
<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
<u>PS1118</u> (Number)	<u>Australia</u> (Country)	<u>13 March 2002</u> (Day/Month/Year filed)	[]	[]	[X]
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year filed)	[]	[]	[]
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year filed)	[]	[]	[]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

1-00 or first inventor Jonathan Wesley Arthur
Inventor's Signature 
Residence 123 Balaka Drive
Carlingford, New South Wales, 2118, Australia AUX
Citizenship Australia
Mailing Address Same

Full name of second joint

2-00 inventor, if any Marc Wilkins
Inventor's Signature 
Residence 118 Annandale Street
Annandale, New South Wales, 2038, Australia AUX
Citizenship MW US & AUSTRALIA
Mailing Address Same

Full name of third joint

inventor, if any Mathew Danger Traini
Inventor's Signature _____
Residence 47/65 Myrtle Street
Chippendale, New South Wales, 2008, Australia
Citizenship Australia
Mailing Address Same

Full name of fourth joint

inventor, if any _____
Inventor's Signature _____
Residence _____

Citizenship _____
Mailing Address _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ANNOTATION OF GENOME SEQUENCES

the specification of which

[] is attached hereto.

[] was filed on [] as United States Application Number [].

[X] was filed on March 13, 2003 as PCT International Application No. PCT/AU03/00300 and assigned United States Application No. 10/507,257.

[X] and was amended on September 10, 2004.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
<u>PS1118</u> (Number)	<u>Australia</u> (Country)	<u>13 March 2002</u> (Day/Month/Year filed)	[]	[]	[X]
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year filed)	[]	[]	[]
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year filed)	[]	[]	[]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Jonathan Wesley Arthur

Inventor's Signature _____

Residence 123 Balaka Drive

Carlingford, New South Wales, 2118, Australia

Citizenship Australia

Mailing Address Same

Full name of second joint

inventor, if any Marc Wilkins

Inventor's Signature _____

Residence 118 Annandale Street

Annandale, New South Wales, 2038, Australia

Citizenship US

Mailing Address Same

Full name of third joint

3-7-00 inventor, if any Mathew Danger Traini

Inventor's Signature _____

Residence 47/65 Myrtle Street

W229/221 Sydney Park Rd, Erskineville NSW, 2043 M.T. 22/02/05 AUX

Chippendale, New South Wales, 2008, Australia

Citizenship Australia

Mailing Address Same

Full name of fourth joint

inventor, if any _____

Inventor's Signature _____

Residence _____

Citizenship _____

Mailing Address _____

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